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Attorney's Docket No. 06935.105001

935.105001

H. Rigg, James M. Howell,

In re Application of: Thomas E. Sharon, Thomas S. Taylor, William R. Hafner, Steven H. Rigg, James M. Howell, Thomas W. Glynn, and Dennis L. Kershner

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name. I believe I am a original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: Multi-Beam Satellite Communications System, the specification of which was filed with the U.S. Patent and Trademark Office on May 23, 2000 and assigned U.S. Serial No. 09/576,475.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I do not know and do not believe that the same was ever known or used by others in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to the date of this application. I further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. I understand that I have a duty of candor and good faith toward the Patent and Trademark Office, and I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of the foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate disclosing subject matter in common with the above-identified specification and having a filing date before that of the application on which priority is claimed:

Yes No No No No No No No No	Application No.	Country	Filing Date	<u>Pri</u>	ority Clair	ned Under 35 USC §119 (a)-(<u>(d)</u>
September 27, 1999	Application 7.01			Ye	:s	No	
I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter disclosed and claimed in the present application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application: Application Serial No. Filing Date Status: patented, pending, abandoned I further declare that all statements made herein of my own knowledge are true and that all statements made or information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 or Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issuing thereon. POWER OF ATTORNEY: The following are hereby appointed to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Sherry M. Knowles-33,052; W. Scott Petty-35,645; Clark G. Sullivan-36,942; Holmes J. Hawkins-38,913; Steven P. Wigmore-40,447; Charles E. Peeler-45,004; Joseph M. Bennett Paris-47,226; A. Shane Nichols-43,836; William O. Isaacs II-44,165; Josephine Young-P-48,308; Robert T. Neufeld-Paris-47,226; A. Shane Nichols-43,836; William O. Isaacs II-44,165; Josephine Young-P-48,308; Robert T. Neufeld-Paris-47,226; A. Shane Nichols-43,836; William O. Isaacs II-44,165; Josephine Young-P-48,308; Robert T. Neufeld-Paris-47,226; A. Shane Nichols-43,836; William O. Isaacs II-44,165; Josephine Young-P-48,308; Robert T. Neufeld-Paris-47,226; A. Shane Nichols-48,308; Robert T. Neufeld-Paris-47,226; A. Shane Nichols-	listed below:						(s)
insofar as the subject matter disclosed and claimed in the present application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application: Application Serial No. Filing Date Status: patented, pending, abandoned I further declare that all statements made herein of my own knowledge are true and that all statements made or information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 or any patents issuing thereon. POWER OF ATTORNEY: The following are hereby appointed to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Sherry M. Knowles-33,052; W. Scott Petty-35,645; Clark G Sullivan-36,942; Holmes J. Hawkins-38,913; Steven P. Wigmore-40,447; Charles E. Peeler-45,004; Joseph M. Bennett Paris-47,226; A. Shane Nichols-43,836; William O. Isaacs II-44,165; Josephine Young-P-48,308; Robert T. Neufeld-P 48,394. Send correspondence to: King & Spalding, Customer No. 20786 191 Peachtree Street, N.E., 45th Floor Atlanta, Georgia 30303 Full name of sole or first inventor: Thomas E. Sharon Citizenship: USA Inventor's signature Date: 1/15/D2 Residence and Post Office Address: 305 Briton Park Court, Duluth, Georgia 30097	60/156,170 (Application No	Septer	nber 27, 1999 (Filing Date)	(Application	n No.)	(Filing Date)	-
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Residence and Post Office Address: 305 Briton Park Court, Duluth, Georgia 30097	Inventor's signat	ure S.	Slum		Date	1/15/02	
	Residence and Po	st Office Add	ress: 305 Briton Park Co	ourt, Duluth, C	eorgia 30	0097 Page 1 of 7	

Attorney's Docket No. 06935.105001

In re Application of: Thomas E. Sharon, Thomas S. Taylor, William R. Hafner, Steven H. Rigg, James M. Howell, Thomas W. Glynn, and Dennis L. Kershner

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Application No.	Country	Filing Date	Priority C	laimed Under 35 USC §119	(a)-(d)
		·	Yes	No	
I hereby claim the blisted below:	penefit under Ti	le 35, United States Code, §	119(e) of any Unite	ed States provisional applica	ation(s)
60/156,170 (Application No		ber 27, 1999 Filing Date)	(Application No.)	(Filing Date))
insofar as the subject application in the m	ct matter disclos nanner provided	le 35, United States Code, §1: ed and claimed in the presen by the first paragraph of Title defined in Title 37, Code of application and the national of	e 35, United States (of Federal Regulation	Code §112, I acknowledge tons. §1.56 which became a	he duty vailable
Application Se		Filing Date		l, pending, abandoned	
POWER OF ATTO the Patent and Tra Sullivan-36 942: H	thereon. ORNEY: The foldemark Office of the olders I. Hawkin	lowing are hereby appointed connected therewith: Sherry is-38,913; Steven P. Wigmor 836; William O. Isaacs II-44	to prosecute this app M. Knowles-33,05 e-40,447: Charles E	plication and transact all but 2; W. Scott Petty-35,645; (Peeler-45,004; Joseph M.	siness ir Clark G Bennett
Send corresponden	ce to: King o	& Spalding, Customer No. 20 eachtree Street, N.E., 45th Flo		elephone calls at (404) 572-4	1600
		a, Georgia 30303		W. Scott Petty, Esq.	
Full name of sole	or second inve	entor: Thomas S. Taylor	Cit	izenship: USA	
Inventor's signatu	ure			te: (8/0/	
		ess: 345 Glen Lake Drive			
	U			Page 2 of 7	

COPY

DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No. 06935.105001

In re Application of: Thomas E. Sharon, Thomas S. Taylor, William R. Hafner, Steven H. Rigg, James M. Howell, Thomas W. Glynn, and Dennis L. Kershner

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date before that of the			Deignie Cl	aimed Hador 25 HS	C \$110 (a) (d)
Application No.	Country	Filing Date		aimed Under 35 US	
			Yes	No	
I hereby claim the b	enefit under Ti	tle 35, United States Code, §	19(e) of any Unite	d States provisional	application(s)
60/156,170 (Application No	•	nber 27, 1999 (Filing Date)		•	ng Date)
application in the m	et matter disclosion and comparison as	tle 35, United States Code, §12 sed and claimed in the present by the first paragraph of Title s defined in Title 37, Code of application and the national or	35, United States C Federal Regulation	Code §112, I acknowns. 81.56 which be	ledge the duty
Application Ser	rial No.	Filing Date	Status: patented	, pending, abandone	<u>d</u>
information and be willful false statem Title 18 of the Unit any patents issuing POWER OF ATTO the Patent and Tra	lief are believe ents and the lik ed States Code, thereon. RNEY: The fo demark Office	ats made herein of my own led to be true; and further that the so made are punishable by and that such willful false states are llowing are hereby appointed to connected therewith: Sherry ns-38,913; Steven P. Wigmore, 836; William O. Isaacs II-44,	these statements we fine or imprisonments may jeopard or prosecute this app M. Knowles-33,052-40.447: Charles E.	rere made with the nt, or both, under Size the validity of the lication and transact 2; W. Scott Petty-3: Peeler-45.004; Jose	Section 1001 of e application or all business in 5,645; Clark G.
Send corresponden	191 P	& Spalding, Customer No. 20 eachtree Street, N.E., 45 th Floo	786 Direct te	lephone calls at (404	
		a, Georgia 30303	<u> </u>	W. Scott Petty,	Esq.
Full name of sole	or third inven	tor: William R. Hafner	Citi	zenship: USA	
Inventor's signatu	ire	2/	Da	te: 11/14/01	
Residence and Po	st Office Addi	ress: 10875 Spotted Pony T	rail, Alpharetta, C	Georgia 30022	
11001001100		<u> </u>			2 of 7

COPY

DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No. 06935.105001

In re Application of: Thomas E. Sharon, Thomas S. Taylor, William R. Hafner, Steven H. Rigg, James M. Howell, Thomas W. Glynn, and Dennis L. Kershner

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Application No.	Country	Filing Date	Priority Claime	ed Under 35 USC §119 (a)-(d)
			Yes	No
I hereby claim the listed below:	benefit under Tit	le 35, United States Code,	§ 119(e) of any United St	ates provisional application(s)
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Send corresponden	· 191 Pe	k Spalding, Customer No. achtree Street, N.E., 45th F., Georgia 30303		one calls at (404) 572-4600 W. Scott Petty, Esq.
Full name of sole		tor: Steven H. Rigg	Citizens	ship: USA
Inventor's signatu	NE	1	Date:	11/6/01
Residence and Po	st Office Addre	s: 4968 Bridgeport W	ay, Norcross, Georgia 3	0092
			-	Page 4 of 7

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Attorney's Docket No. 06935.105001

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Application No.	Country	Filing Date	Priority Clai	med Under 35 USC §119 (a)-(d)
			Yes	No
listed below:				States provisional application(s)
60/156,170 (Application No	Septemb	ber 27, 1999 Filing Date)	(Application No.)	(Filing Date)
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the Patent and Trac	olmes J. Hawkins	s-38.913: Steven P. Wig	епу М. Knowles-33,052; more-40,447; Charles E. F	W. Scott Petty-35,645; Clark G. Peeler-45,004; Joseph M. Bennett-g-P-48,308; Robert T. Neufeld-P-
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Country	Filing Date	Ī	riority Claime	d Under 35	USC §119 (a)-(d)
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enefit under Tit	le 35, United States Cod	le, § 119(e) of	any United Sta	ites provisio	onal application(s)
				•	Filing Date)
t matter disclos anner provided	by the first paragraph of	Title 35, Unite	d States Code	§112, I ack	nowledge the duty
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191 P	eachtree Street, N.E., 45°	No. 20786 h Floor	Direct teleph	one calls at W. Scott Pe	
		n	Citizens	ship: USA	
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or Office Add	ess: 300 First Street.	Annapolis, M	aryland 2140)1	
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	enefit under Tit Septem enefit under Tit t matter disclos anner provided information as ate of the prior a ial No. at all statemen lief are believed ents and the lik ed States Code, thereon. RNEY: The foldemark Office of lomes J. Hawkin ane Nichols-43 ce to: King 191 Pe Atlant or sixth inven	September 27, 1999 (Filing Date) enefit under Title 35, United States Code to matter disclosed and claimed in the properties of the prior application and the nation information as defined in Title 37, Code ate of the prior application and the nation ial No. Filing Date Title 36, United States Code to matter disclosed and claimed in the prior application and the prior application and the nation ial No. Filing Date The following Date The following are hereby appointed the prior application and further the prior application and the nation at all statements made herein of my lief are believed to be true; and further the prior application and the nation at all statements made herein of my lief are believed to be true; and further the prior application and the nation at all statements made herein of my lief are believed to be true; and further the prior application and the nation at all statements made herein of my lief are believed to be true; and further the prior application and the nation at all statements made herein of my lief are believed to be true; and further the prior application and the nation at all statements made herein of my lief are believed to be true; and further the prior application and the nation at all statements made herein of my lief are believed to be true; and further at all statements made herein of my lief are believed to be true; and further the prior application and the nation at all statements made herein of my lief are believed to be true; and further the prior application and the prior applica	enefit under Title 35, United States Code, § 119(e) of a September 27, 1999 (Filing Date) (Application of the present application and claimed in the present application and the prior application and the national or PCT interview of the prior application and the present application and the pr	enefit under Title 35, United States Code, § 119(e) of any United States and the prior application and the national or PCT international filing Date September 27, 1999 (Filing Date) enefit under Title 35, United States Code, § 120 of any United States are transfer disclosed and claimed in the present application is not disclosurance provided by the first paragraph of Title 35, United States Code information as defined in Title 37, Code of Federal Regulations, § are of the prior application and the national or PCT international filing ial No. Filing Date Status: patented, pendict are believed to be true; and further that these statements were ents and the like so made are punishable by fine or imprisonment, or destates Code, and that such willful false statements may jeopardize thereon. RNEY: The following are hereby appointed to prosecute this applicate thereon. RNEY: The following are hereby appointed to prosecute this applicate thereon. RNEY: The following are hereby appointed to prosecute this applicate thereon. RNEY: The following are hereby appointed to prosecute this applicate thereon. RNEY: The following are hereby appointed to prosecute this applicate thereon. RNEY: The following are hereby appointed to prosecute this applicate themack Office connected therewith: Sherry M. Knowles-33,052; Wolmes J. Hawkins-38,913; Steven P. Wigmore-40,447; Charles E. Pee lane Nichols-43,836; William O. Isaacs II-44,165; Josephine Young-International filing and the prosecute thereon. Control of the prior application No.)	enefit under Title 35, United States Code, § 119(e) of any United States provision September 27, 1999 (Application No.) (App





Attorney's Docket No. 06935.105001

In re Application of: Thomas E. Sharon, Thomas S. Taylor, William R. Hafner, Steven H. Rigg, James M. Howell, Thomas W. Glynn, and Dennis L. Kershner

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name. I believe I am a original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: Multi-Beam Satellite Communications System, the specification of which was filed with the U.S. Patent and Trademark Office on May 23, 2000 and assigned U.S. Serial No. 09/576,475.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I do not know and do not believe that the same was ever known or used by others in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to the date of this application. I further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. I understand that I have a duty of candor and good faith toward the Patent and Trademark Office, and I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of the foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate disclosing subject matter in common with the above-identified specification and having a filing date before that of the application on which priority is claimed:

Application No.	Country	Filing Date	Priority	Claimed Under	35 USC §119 (a)-(d)
Application 110.				No	
listed below:		tle 35, United States Co			
60/156,170 (Application No	Septem	nber 27, 1999 (Filing Date)	(Application No.) –	(Filing Date)
insofar as the subject application in the m	ct matter disclo- lanner provided	tle 35, United States Cod sed and claimed in the p by the first paragraph of s defined in Title 37, Co application and the nation	resent application is no f Title 35, United States ode of Federal Regulat	s Code §112, I	acknowledge the duty
Application Ser	rial No.	Filing Date	Status: patent	ed, pending, ab	andoned
willful false statem Title 18 of the Unite any patents issuing POWER OF ATTO the Patent and Trae	ents and the liked States Code, thereon. RNEY: The fodemark Office colors I Hawking	d to be true; and further so made are punishable and that such willful fals allowing are hereby appoint connected therewith: Slas-38,913; Steven P. Wig,836; William O. Isaacs	nted to prosecute this a herry M. Knowles-33,0	pplication and post; W. Scott 1 E. Peeler-45.00	transact all business in Petty-35,645; Clark G.
Send correspondent	191 P	& Spalding, Customer Neachtree Street, N.E., 45th a, Georgia 30303		•	at (404) 572-4600 t Petty, Esq.
Full name of sole	or seventh inv	entor: Dennis L. Ker	shner C	itizenship: US	SA
Inventor's signatu	I Ke	ulin		Date: ///2:	_
Residence and Po	st Office Add	ess: 7719 Briarstone	Court, Ellicott City, 1	Maryland 210	
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